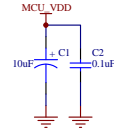


UI			
PTC5	1	PTC5	28 PTC6
PTC4	2	PTC4	27 PTC7
RESET	3	PTA5/IRQ/TCLK/RESET	PTA0/KBIP0/TPMCH0/ADP0/ACMP0
BKGD	4	PTA4/ACMP0/BKGD/MS	PTA1/KBIP1/ADP1/ACMP1
MCU_VDD	5	VDD	PTA2/KBIP2/ADP2
VDDAD	6	VDDA/VREFH	PTA3/KBIP3/ADP3
VSSAD	7	VSSA/VREFL	PTA6
	8	VSS	PTA7
EXTAL	9	PTB7/EXTAL	PTB0/KBIP4/RxD/ADP4
XTAL	10	PTB6/XTAL	PTB1/KBIP5/TxD/ADP5
PTB5	11	PTB5/TPMCH0	PTB2/KBIP6/ADP6
PTB4	12	PTB4	PTB3/KBIP7/ADP7
PTC3	13	PTC3	PTC0
PTC2	14	PTC2	PTC1

MC9S08QB8 24S0C



Note: In order to take full advantage of the DEMOQE Base Board resources, MC9S08QB8 signals are mapped to the DEMOQE Base Board 64-Pin Header as following:

SIGNALS OF QB8		SIGNALS OF DEMOQE BOARD
PTA0-3	<=>	PTA0-3
PTA4/BKGD	<=>	PTA4/BKGD
PTA5/RESET	<=>	PTA5/RESET
PTA6	<=>	PTD2/KEY
PTA7	<=>	PTD3/KEY
PTB0-1	<=>	PTB0-1
PTB2/ADP	<=>	PTA6/ADP
PTB3/ADP	<=>	PTA7/ADP
PTB4-5	<=>	PTB4-5
PTB6/XTAL	<=>	PTB6/XTAL
PTB7/EXTAL	<=>	PTB7/EXTAL
PTC0-5	<=>	PTC0-5
PTC6	<=>	PTB6/LED
PTC7	<=>	PTB7/LED

J2			
1	PTD1/KBIP1/MOSI2	PTA4/ACMP10/BKGD/MS	64 BKGD
2	PTD0/KBIP20/SPSCK2	PTA5/IRQ/TPM1CLK/RESET	63 RESET
3	PTH7/SDA2	PTC4/TPM3CH4/RSTO	62 PTC4
4	PTH6/SCL2	PTC5/TPM3CH5/ACMP20	61 PTC5
PTC7	5	PTE7/TPM3CLK	PTB0/TPM2CLK/SPSCK1
MCU_VDD	6	VDD	PTE1/MOSI1
VDDAD	7	VDDAD	PTG0
8	VREFH	8	PTG1
9	VREFL	9	PTG2/ADP18
VSSAD	10	VSSAD	PTG3/ADP19
11	VSS	11	PTE2/MISO1
EXTAL	12	PTB7/SCL1/EXTAL	PTE3/SS1
XTAL	13	PTB6/SDA1/XTAL	PTC6/RxD2/ACMP2+
14	PTH1	14	PTC7/TxD2/ACMP2-
15	PTH0	15	PTA0/KBIP0/TPM1CH0/ADP0/ACMP1+
PTC6	16	PTE6	PTA1/KBIP1/TPM2CH0/ADP1/ACMP1-
17	PTE5	17	PTA2/KBIP2/SDA1/ADP2
PTB5	18	PTB5/TPM1CH1/SS1	PTA3/KBIP3/SCL1/ADP3
PTB4	19	PTB4/TPM2CH1/MISO1	PTD2/KBIP2/MISO2
PTC3	20	PTC3/TPM3CH3	PTD3/KBIP3/SS2
PTC2	21	PTC2/TPM3CH2	PTD4/KBIP4
22	PTD7/KBIP7	22	PTD0/ADP10
23	PTD6/KBIP6	23	PTF1/ADP11
24	PTD5/KBIP5	24	VSS
PTC1	25	PTC1/TPM3CH1	40 MCU_VDD
PTC0	26	PTC0/TPM3CH0	PTD4
27	PTF7/ADP17	27	PTA6/TPM1CH2/ADP8
28	PTF6/ADP16	28	PTA7/TPM2CH2/ADP9
29	PTF5/ADP15	29	PTF2/ADP12
30	PTF4/ADP14	30	PTF3/ADP13
31	PTB3/KBIP1/P7/MOSI1/ADP7	31	PTB0/KBIP4/RxD1/ADP4
32	PTB2/KBIP1/P6/SPSCK1/ADP6	32	PTB1/KBIP5/TxD1/ADP5

DEMOQE 64PIN HEADER

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DC9S08QB8 Schematic

Size B	FCSM No.	DWG No.	Rev A
Scale		Sheet 1 of 1	